

Title (en)

METHOD AND DEVICE FOR MANAGING BATTERIES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERWALTUNG VON BATTERIEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LA GESTION D'ACCUMULATEURS

Publication

**EP 2579418 A4 20140219 (EN)**

Application

**EP 10852038 A 20101124**

Priority

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- CN 2010079089 W 20101124

Abstract (en)

[origin: EP2579418A1] The disclosure discloses a method for battery management. The method includes: monitoring a total load current, a battery capacity, a charging current ratio, and the number of operating rectifiers; calculating a current-limiting point according to the total load current, the battery capacity, the charging current ratio, and the number of operating rectifiers; and adjusting the current limiting point and a rectifier operating voltage according to a battery current, and regulating the battery current to reach a preset current-limiting value. The disclosure further provides a corresponding device for battery management. The disclosure combines the current-limiting point adjustment and output voltage adjustment in battery management, thereby realizing real time stable current-limiting adjustment of the battery and extending lifetime of the battery.

IPC 8 full level

**H02J 7/00** (2006.01)

CPC (source: EP)

**H02J 7/0068** (2013.01)

Citation (search report)

- [X] US 5986434 A 19991116 - ROY STEVE [CA], et al
- See references of WO 2011147169A1

Designated contracting state (EPC)

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